PRODUCT: INNOKOAT NU-AIR (Aqueous-Nutraceutical Film Coating System)

SPECIFICATIONS:

S. No.	TEST	SPECIFICATIONS
01.	Appearance	White / Coloured Powder
02.	pH	3.5 – 8.0
03.	Particle size (Test done on Wet Slurry)	NLT 99% w/w passes through 100 # ASTM sieve
04.	Bulk Density	0.30 – 1.20 gm/cc
05.	Ash	75.00 %w/w
06.	Arsenic	Not more than 2 ppm
07.	Heavy Metals	Not more than 10 ppm

Note: Customized product will be available on request.

METHOD OF USAGE

Coating Pan Size : 12" Conventional Coating Pan with 3 Baffles / Auto coater
Batch Size : 1.000 kg Placebo Tablets
Actual Weight gain : 2.5 % w/w on Tablets
Process Loss : 0.5 %
Quantity of Innokoat™ : 30.0 gms (including loss)

FORMULATION:

Ingredient	Aqueous Film Coating System
	11 % w/w Reconstitution level
Innokoat™ NU-AIR	30 gms
Purified Water (At Room Temp)	242 gms
Total	272 gms

PROCEDURE OF MIXING:

Aqueous Coating System: Take required quantity of Purified water in vessel. Stir with Propeller Stirrer to form vortex. Add Innokoat™ in to the vortex; continue to stir for 45 minutes. Pass the solution / dispersion through 80 mesh & then use for coating.

COATING PARAMETERS:

Coating Pan RPM : 25 to 30 — Spray gun: 1 - 1.2 mm nozzle
Atomization Pressure : 1 – 1.5 kg / cm^2 — Spray Rate: 5 - 8 g / m
Inlet Air Temp. : 60 to 65 ^{o}C — Product Bed Temp.: 38 to 42 ^{o}C

Prewarming: 10 mins at slow rpm or by inching
Post Drying: 10 mins at slow rpm or by inching

Our technical advice is given without obligation. The buyer is responsible for application and processing of our products and is also liable for observing any third-party rights. Technical data concerning our products are of typical values.

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